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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/760,270	01/21/2004	Kia Silverbrook	RRA23US	1025

24011 7590 03/27/2007
SILVERBROOK RESEARCH PTY LTD
393 DARLING STREET
BALMAIN, 2041
AUSTRALIA

EXAMINER

UHLENHAK, JASON S

ART UNIT	PAPER NUMBER
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2853

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/27/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

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Office Action Summary	Application No. 10/760,270	Applicant(s) SILVERBROOK, KIA	
	Examiner Jason Uhlenhake	Art Unit 2853	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 January 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 July 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Bolash et al (U.S. Pat. 6,183,063)

Bolash discloses:

- ***regarding claim 1***, a body defining a recess (20, 22) dimensioned to locate a removable inkjet cartridge (Figure 1; Column 3, Lines 24-35; Lines 65-67), the inkjet cartridge having a pagewidth printhead (Figure 1; Column 3, Lines 45-46) and an ink supply, such that the cradle and cartridge together form an inkjet printer (Column 3, Lines 24-26)
- terminals positioned upon the body to contact corresponding terminals located upon the removable inkjet cartridge upon insertion of said cartridge into the recess thereby facilitating electrical communication between cradle and the printhead of said cartridge for causing ink ejection from the printhead (Column 3, Line 65 – Column 4, Line 11)

Claims 2, 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bolash et al (U.S. Pat. 6,183,063) in view of Silverbrook et al (U.S. Pat. 6,588,952).

Bolash discloses all the claimed limitations except for the following:

- ***regarding claim 2***, wherein the terminals are located upon one or more walls of the recess
- ***regarding claim 5***, wherein the terminals comprise data and power terminals

Silverbrook ('952) discloses:

- ***regarding claim 2***, wherein the terminals are located upon one or more walls of the recess (Column 4, Lines 54 – 59), for the purpose of communicating print data to the printhead.
- ***regarding claim 5***, wherein the terminals comprise data and power terminals (Column 4, Lines 46 – 59), for the purpose of communicating print data to the printhead.

At the time the invention was made it would have been obvious to a person of ordinary skill in the art to incorporate the teaching of the terminals are located upon one or more walls of the recess; the terminals comprise data and power terminals as taught by Silverbrook ('952) into the device of Bolash, for the purpose of communicating the print data to the printhead.

Claims 3, 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bolash et al (U.S. Pat. 6,183,063) as modified by Silverbrook et al (U.S. Pat. 6,588,952) and as applied to claim 1 above, and further in view of Silverbrook et al (U. S. Pat. 6,755,513).

Bolash as modified by Silverbrook ('952) discloses:

- ***regarding claim 3 and 4***, wherein the recess (20, 22) is elongate (Figure 1; Column 3, Lines 65-67))

Bolash as modified by Silverbrook ('952) does not disclose expressly:

- ***regarding claim 3***, wherein the terminals are located on at least one end wall of the recess
- ***regarding claim 4***, wherein the terminals are located on opposing end wall of the recess

Silverbrook et al ('513) discloses:

- ***regarding claim 3***, wherein the terminals are located on at least one end wall of the recess. (Column 9, Lines 20 – 34; Claims 3 – 5; Figure 2), for the purpose of establishing communication with the removable inkjet cartridge.
- ***regarding claim 4***, wherein the terminals are located on opposing end wall of the recess (Column 9, Lines 20 – 34; Claims 3 – 5; Figure 2), for the purpose of establishing communication with the removable inkjet cartridge.

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to incorporate the teaching of the terminals are located on at least one end wall of the recess; the terminals are located on opposing end wall of the recess as taught by Silverbrook et al ('513) into the device of Bolash as modified by Silverbrook ('952), for the purpose of communicating print data to the printhead and establishing communication with the removable inkjet cartridge.

Art Unit: 2853

Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bolash et al (U.S. Pat. 6,183,063) in view of Silverbrook et al (U.S. Pat. 6,588,952) and Silverbrook et al (U. S. Pat. 6,755,513).

Bolash discloses:

- ***regarding claim 6***, a body defining an elongate recess (Figure 1, 20, 22) dimensioned to locate a removable inkjet cartridge (Figure 1; Column 3, Lines 24-35; Lines 65-67), the inkjet cartridge having a pagewidth printhead (Figure 1; Column 3, Lines 45-46) and an ink supply; such that the cradle and cartridge together form an inkjet printer (Column 3, Lines 24-26)
- terminals positioned upon the body to contact corresponding terminals located upon the removable inkjet cartridge upon insertion of said cartridge into the recess thereby facilitating electrical communication between cradle and the printhead of said cartridge for causing ink ejection from the printhead (Column 3, Line 65 – Column 4, Line 11)

Bolash does not disclose expressly the following:

- ***regarding claim 6***, power and data terminals; terminals positioned upon opposing end walls of the recess

Silverbrook ('952) discloses:

- ***regarding claim 6***, power and data terminals (Silverbrook ('952): Column 4, Lines 46 – 59), for the purpose of establishing communication with the removable inkjet cartridge.

Silverbrook et al ('513) discloses:

- ***regarding claim 6***, terminals positioned upon opposing end walls of the recess (Column 9, Lines 20 – 34; Claims 3 – 5; Figure 2), for the purpose of establishing communication with the removable inkjet cartridge.

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to incorporate the teaching of Silverbrook ('952) and Silverbrook et al ('513) into the device of Bolash, for the purpose of establishing communication with the removable inkjet cartridge

Art Unit: 2853


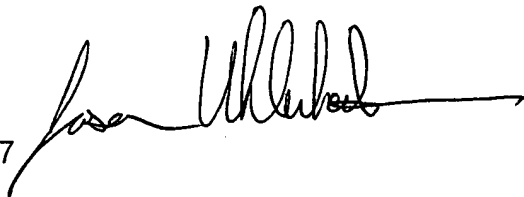
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason Uhlenhake whose telephone number is (571) 272-5916. The examiner can normally be reached on Monday - Friday 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Meier can be reached on (571) 272-2149. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JSU
March 22, 2007



STEPHEN MEIER
SUPERVISORY PATENT EXAMINER